Supplement to DOE/ID-11032 September 2002 October 15, 2002



U.S. Department of Energy Idaho Operations Office

Remedial Design Supplemental Package for the OU 7-10 Glovebox Excavator Method Project







Department of Energy

Idaho Operations Office 850 Energy Drive Idaho Falls, Idaho 83401-1563

October 10, 2002

Mr. Dean Nygard, Site Remediation Manager Idaho Department of Environmental Quality 1410 North Hilton Boise, Idaho 83706-1255

Mr. Wayne Pierre, Team leader Environmental Cleanup Office U.S. Environmental Protection Agency Region 10 1200 Sixth Avenue Seattle, WA 98101

SUBJECT: Glovebox Excavator Method Remedial Design Supplemental Submittal (EM-ER-02-175)

Dear Mr. Nygard and Mr. Pierre:

Enclosed for your review is the Glovebox Excavator Method (GEM) Remedial Design (RD) supplemental submittal.

If you have any questions, please contact me at 208-526-5920.

Sincerely,

Jeff Snook Project Manager

Enclosure



October 15, 2002

CCN 36615

Mr. Jeffrey G. Snook Project Manager U.S. Department of Energy Idaho Operations Office 850 Energy Drive, MS 1222 Idaho Falls, ID 83401-1563

CONTRACT NO. DE-AC07-99ID13727 - OPERABLE UNIT 7-10 GLOVEBOX EXCAVATOR METHOD PROJECT DOCUMENT TRANSMITTAL OF SUPPLEMENTAL SUBMITTAL TO REMEDIAL DESIGN PACKAGE, VOLUMES I AND II

Dear Mr. Snook:

Enclosed for your review and acceptance is a supplemental submittal to DOE/ID-11032, Remedial Design Package for the OU 7-10 Glovebox Excavator Method Project, Volumes I and II, September 2002. This supplemental submittal includes documents that have been developed or revised significantly to address the baseline change for storing the packaged waste zone material onsite rather than sending it to the Advanced Mixed Waste Treatment Project.

If you have any questions or comments, please contact Mike Pratt at 526-5565 or me at 526-2945.

Sincerely,

Michael I. Graham, Manager of Projects
Environmental Restoration Program

MBP:lb

Enclosure

cc:

(w/o Encl)

P. H. Divjak, MS 3898

R. J. Hoyles, DOE-ID, MS 1221

K. C. O'Neill, DOE-ID, MS 1222

R. A. Rossell, MS 3810

B. D. Shipp, MS 3898

S. G. Stiger, MS 3898

OU 7-10 Glovebox Excavator Method Project Remedial Design Supplement

List of Enclosures

- TFR-152, System Design Criteria for the OU 7-10 Glovebox Excavator Method Project: Packaging Design Criteria, Revision 2
- TFR-153, System Design Criteria for the OU 7-10 Glovebox Excavator Method Project: Excavation Design Criteria, Revision 2
- TFR-154, System Design Criteria for the OU 7-10 Glovebox Excavator Method Project: General Structures and Site Design Criteria, Revision 2
- TFR-155, System Design Criteria for the OU 7-10 Glovebox Excavator Method Project: Instrumentation and Control Design Criteria, Revision 2
- TFR-156, System Design Criteria for the OU 7-10 Glovebox Excavator Method Project: Facility and Infrastructure Design Criteria, Revision 2
- **TFR-157,** System Design Criteria for the OU 7-10 Glovebox Excavator Method Project: **Fire Protection Design Criteria**, Revision 2
- **TFR-158**, System Design Criteria for the OU 7-10 Glovebox Excavator Method Project: **Process Design Criteria**, Revision 2
- **EDF-2459, Waste Categorization Matrix** for the OU 7-10 Glovebox Excavator Method Project, Revision 1.
- SPC-417, Performance Specification: Mobile Non-Destructive Assay Trailer for the OU 7-10 Glovebox Excavator Method Project (Draft), Revision A

Note: Performance Specification SPC-417 is included in this supplemental Remedial Design submittal for Agency review and comment. Please be aware of the following conditions affecting the status of this document:

- The technical requirements contained in the specification have not yet been finalized
- The contracting approach is still undergoing BBWI internal review and is subject to change
- The use of a mobile assay trailer is the primary option under consideration by BBWI for measuring FGE loading and assuring safe and compliant drum storage. However, other options are still under consideration and could be used, based on equipment/operator availability, cost effectiveness, and technical performance.

- OU 7-10 Glovebox Excavator Method Project Remedial Design Supplement (continued)
- PLN-343, OU 7-10 Glovebox Excavator Method Project: Facility Shutdown Plan and Deactivation, Deactivation, and Decommissioning Pre-Plan, Revision 1
- INEEL/EXT-02-00703, OU 7-10 Glovebox Excavator Method Project, Excavation Plan and Sequential Process Narrative, Revision 0
- INEEL/EXT-02-00542, Field Sampling Plan for the OU 7-10 Glovebox Excavator Method Project, (Draft) Revision C
- INEEL/EXT-02-00660, Data Quality Objectives for the OU 7-10 Glovebox Excavator Method Project, Revision 0

Product Data/Drawings:

- Portable Storage Unit (PSU) Information Package (2 sheets)
- Storage Unit Location Plan Drawing (New)
- Site Re-grading for Storage Units (New)
- Electrical Power Distribution Diagram Drawing (Revised #519881)
- Electrical Power Plan (New)